IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

JOHN CHARLES AUTREY et al.

Serial No.: Unknown

Filed: Filed Herewith

For: SELF-ARCHIVING LOG STRUCTURED VOLUME WITH INTRINSIC

DATA PROTECTION

Attorney Docket No.: 00-010-DSX (STK 00010 PUS1)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Mail Stop Patent Application Commissioner for Patents U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(1).

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

If applicable, a copy of each reference listed on the attached Form PTO/SB08B or any foreign cited art is included herewith. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted

JOHN CHARLES AUTRES

Date: November 25, 2003

James N. Kallis Reg. No. 41,102

Attorney for Applicant

BROOKS KUSHMAN P.C.

1000 Town Center, 22nd Floor Southfield, MI 48075-1238

Phone: 248-358-4400; Fax: 248-358-3351

PTO/SB/08A (10-96) [MODIFIED]
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Substitute for Form 1449A/PTO | | | | Complete if Known | | |
|-----------------------------------|---|----|-------|------------------------|-----------------------------|--|
| INFORMATION DISCLOSURE | | | | Application Number | Unknown | |
| | | | | Filing Date | Filed herewith | |
| STATEMENT BY APPLICANT | | | ICANI | First Nam d Inv ntor | John Charles Autrey et al. | |
| | | | | Group Art Unit | Unknown | |
| (use as many sheets as necessary) | | | sary) | Examiner Name | Unknown | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 00-010-DSX (STK 00010 PUS1) | |

| | U.S. PATENT DOCUMENTS | | | | | | |
|----------------------|-----------------------|---------------|--|--|--|--|--|
| Examiner Initials | Cite No.1 | U.S. PATENT D | OCUMENT Kind Code ² (<i>if known</i>) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | | 5,638,509 | | Dunphy et al. | 06-10-1997 | | |
| | | 5,640,561 | | Satoh et al. | 06-17-1997 | | |
| | | 5,819,292 | | Hitz et al. | 10-06-1998 | | |
| | | 5,907,672 | | Matze et al. | 05-25-1999 | | |
| | | 6,021,408 | | Ledain et al. | 02-01-2000 | | |
| | | 6,035,412 | | Tamer et al. | 03-07-2000 | | |
| | | 6,047,294 | | Deshayes et al. | 04-04-2000 | | |
| | | 6,212,531 | | Blea et al. | 04-03-2001 | | |
| | | 6,269,431 | | Dunham | 07-31-2001 | | |
| | | 6,289,426 | | Maffezzoni et al. | 09-11-2001 | | |
| | | 6,304,980 | | Beardsley et al. | 10-16-2001 | | |
| | | 6,353,878 | | Dunham | 03-05-2002 | | |
| | | 6,397,307 | | Ohran | 05-28-2002 | | |
| | | 6,397,308 | • | Ofek et al. | 05-28-2002 | | |
| | | 6,490,598 | | Taylor | 12-03-2002 | | |
| | _ | 6,505,216 | | Schutzman et al. | 01-07-2003 | | |
| | | 6,549,921 | | Ofek | 04-15-2003 | | |
| | | 6,549,992 | | Armangau | 04-15-2003 | | |
| <u> </u> | | | | | | | |
| | | | | | • | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | |
|----------------------|--------------------------|---------------------|--------------------|--------------------------------|--|--|--|----------|
| Examiner Initials | Cite No.1 | Office ³ | Foreign Patent Doo | ument Kind Code (if know | | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | _ |
| | | | | | | | | ╙ |
| | | | | | <u> </u> | <u> </u> | | <u> </u> |
| | | | | | | | | ⊢ |
| | | | | | | ļ | | \vdash |
| | | | | | | | | \vdash |

| Examiner | Date | |
|------------|-----------------|---|
| Signature | Considered | |
| AFWALAINES | MOCO COO Decuid | in a through citation if not in conformance and not |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| | | | r atom and madem | IGH OHIOC. C.C. DEF / ITTIME ITT OF O | DIVINITE IOL | | |
|--|-------------------|---|---|--|--------------|--|--|
| Substitute for Form 1449B/PTO | | | Complete if Known | | | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | Application Numb r | Unknown | | | |
| | | | Filing Date | Filed herewith | | | |
| | | | First Named Inventor | John Charles Autrey e | t al. | | |
| | | | Group Art Unit | Unknown | | | |
| | (use as many shee | ets as necessary) | Examiner Name | Unknown | | | |
| Sheet | 2 | of 2 | Attorney Docket Number | 00-010-DSX (STK 00010 F | | | |
| | OTHER PR | RIOR ART NON P | ATENT LITERATUR | RE DOCUMENTS | | | |
| Examiner Initials | Cite No.1 | item (book, magazine, journal, s | n CAPITAL LETTERS), title of the article (when appropriate), title of the serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), blisher, city and/or country where published. | | | | |
| | | KOHL J T et al. "Highlight" Using a Log-structured File System for Tertiary Storage Management", USENIX ASSOCIATION PROCEEDINGS OF THE WINTER 1993 USENIX CONFERENCE, SAN DIEGO, CA, USA, 25-29 JAN. 1993, pages 435-447. | | | | | |
| | | SELTZER M et al.: "An implementation of a log-structured file system for UNIX", USENIX ASSOCIATION PROCEEDINGS OF THE WINTER 1993 USENIX CONFERENCE, SAN DIEGO, CA, USA, 25-29 JAN 1993, pages 201-220. | | | | | |
| | | GREEN R.J. et al. "Designing a fast on-line backup system for a log-structured file system", DIGITAL TECHNICAL JOURNAL 1996, DIGITAL EQUIPMENT CORP. USA, vol. 8, no. 2, pages 32-45. | | | | | |
| | | "DATABASE SERVER JOURNAL BACKUP AUTOMATION TECHNIQUE". IBM TECHNICAL DISCLOSURE BULLETIN IBM CORP. NEW YORK, US. vol. 36, no. 2, 1 February 1993, page 463 | | | | | |
| · | | LOG-STRUCTURED FIL | : "THE DESIGN AND IMP E SYSTEM" OPERATING S QUARTER, NEW YORK, US | SYSTEMS REVIEW | | | |
| | | the LHAM log-struc PROCEEDINGS OF THE ON VERY LARGE DATA INTERNATIONAL CONF | gn, implementation, a tured history data ac TWENTY-FOURTH INTERN BASES PROCEEDINGS OF ERENCE ON VERY LARGE . USA. 24-27 AUG. 199 | ccess method". NATIONAL CONFERENCE 24 TH ANNUAL DATA BASES (VLDB | | | |
| | | International Sear Technology Corpora | ch Report for PCT/USO tion, 04-23-2002 | 01/24820, Storage | | | |
| | | | | | | | |
| | • | | | | | | |
| | | | | | | | |

| | | | |
|-----------|-------------|-------------|---|
| Examiner | | Date | |
| Signature | | Considered | , |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.